

17119 U.S. PTO  
07/02/03

Atty. Dkt. No. 029573-0601

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Robert Boesel, et al.  
Title: FLEXIBLE METHOD AND APPARATUS FOR PERFORMING  
DIGITAL MODULATION AND DEMODULATION  
Appl. No.: Unknown  
Filing Date: Submitted Herewith  
Examiner: Unknown  
Art Unit: Unknown

16235 U.S. PTO  
10/613853  
07/02/03

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the  
nonprovisional utility patent application of:

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[ X ] Applicant claims small entity status under 37 CFR 1.27.

The PTO did not receive the following  
listed item(s) 91 pages of spec.  
only 67 pages of spec.

## Enclosed are:

- ☒ Specification, Claim(s), and Abstract (91 pages).
- ☒ Formal drawings (27 sheets, Figures 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34).
- ☒ Declaration and Power of Attorney (3 pages).
- ☒ Application Data Sheet (37 CFR 1.76).
- ☐ Claim for Convention Priority.

## The filing fee is calculated below:

	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$750.00	\$750.00
Total Claims:	20	- 20	= 0	x \$18.00	= \$0.00
Independents:	3	- 3	= 0	x \$84.00	= \$0.00
If any Multiple Dependent Claim(s) present:				+ \$280.00	= \$0.00
				SUBTOTAL:	= \$750.00
<input checked="" type="checkbox"/> Small Entity Fees Apply (subtract 1/2 of above):					= \$375.00
				TOTAL FILING FEE:	= \$375.00

- ☐ A check in the amount of \$375.00 to cover the filing fee is enclosed.
- ☐ The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- ☒ The Commissioner is hereby authorized to charge the \$375.00 as well as any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, to Deposit Account No. 50-2350. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-2350.

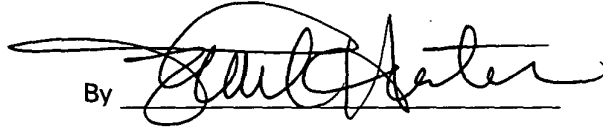
Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date

July 2, 2003

By



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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Robert W. Boesel, et al.

Title: FLEXIBLE METHOD AND APPARATUS FOR PERFORMING DIGITAL  
MODULATION AND DEMODULATION

Filing Date: July 2, 2003

**MAIL STOP PATENT APPLICATION**

Commissioner for Patents

PO Box 1450

Alexandria, Virginia 22313-1450

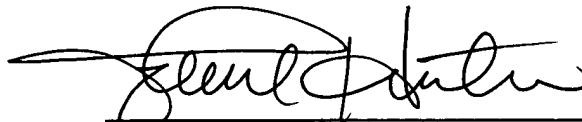
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Date of Deposit: July 2, 2003

I hereby certify that these attached documents

- \* Utility Patent Application Transmittal (3 pages) (duplicate)
- \* Utility Patent Application (91 pages), Specification (59 pages),  
Claims (4 pages), Drawings (27 pages), Abstract (1 page)
- \* Executed Declaration and Power of Attorney (3 pages)
- \* Application Data Sheet (3 pages)
- \* Return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to Mail Stop PATENT APPLICATION, Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

Enclosed for filing please find the above-referenced provisional patent application. Please indicate receipt of this provisional patent application by returning the attached postcard with the official Patent and Trademark Office receipt stamped thereon.



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